

What is claimed is:

1. A color ink set comprising a black ink and a color ink which is different from the black ink, wherein:

the black ink contains a black pigment, resin particles having carboxyl group, a first pH-adjusting agent, a water-soluble organic solvent, and water;

the color ink contains a coloring pigment, resin particles, a second pH-adjusting agent, a water-soluble organic solvent, and water; and

pH of the black ink is not less than 7.8, and pH of the color ink is not more than 4.5.

2. The color ink set according to claim 1, wherein pH of the black ink is not less than 8.7.

3. The color ink set according to claim 2, wherein pH of the color ink is not more than 2.7.

4. The color ink set according to claim 1, wherein the resin particles having carboxyl group is one kind of resin particles selected from polyester resin particles, polyurethane resin particles, and polyolefin resin particles.

5. The color ink set according to claim 1, wherein

the first pH-adjusting agent is organic amine.

6. The color ink set according to claim 1, wherein the second pH-adjusting agent is organic acid.

7. The color ink set according to claim 1, wherein the resin particles contained in the color ink are acrylic resin particles.

8. The color ink set according to claim 7, wherein the acrylic resin particles are resin particles containing a main component of polyacrylic acid or polyacrylic acid ester.

9. The color ink set according to claim 1, wherein the ink set is in a form of ink cartridge.